



SPECIFICATIONS

Product Description: **COLD AIR BLOWER & SYSTEMS**
 Part Number: **9825-EF (COLD AIR BLOWER ONLY) (SYSTEMS LISTED ON PG 2)**
 Style: **LOW PRESSURE**

GENERAL DESCRIPTION:

Our Cold Air System is a portable fresh, refrigerated air supply system which provides comfortable and safe cooled breathing air for industrial users who require an OSHA compliant fresh air supply system, with the advantages of air-conditioned air. It can maximize productivity and minimize the possibility of heat stroke, heat exhaustion, dehydration, nausea and cramps for your workers. While our Cold Air System improves the worker's safety and comfort, it also helps reduce their frequency and duration of breaks on the job. This self-contained, low maintenance unit includes a removable, washable filter and is powder coated for a longer lasting durability.



Air Source	Temp. @ Air Source Outlet	Temp. @ 50 ft (15.24 m) of Airline Hose	Temp. @ 100 ft (30.48 m) of Airline Hose
9821 Ambient Air Pump	130° F (54.4° C)	89° F (31.6° C)	87° F (30.5° C)
9825-EF Cold Air System	50° F (10° C)	82.5° F (28.1° C)	84° F (28.9° C)
<i>NOTE: Test data acquired at an ambient temperature of 87° F (30.5° C)</i>			

MOTOR / CONSTRUCTION:

- 120V, 60 Hz
- 10.5A
- CFM output regulated speed control
- Exterior manifold to allow for the use of multi-air lines (single/double)
- Control panel that allows for AC temperature and fan speed adjustments
- Powder coated finish for long lasting durability
- Unit is self-contained and requires little maintenance (exception of removable, washable filter)

WARNING:

The PN 9825-EF Cold Air Blower must be placed in clean, Grade "D" breathable air (as specified by 29 CFR 1910).

NOTE:

Contributing factors to the output temperature include, but are not limited to: length of the hose, ambient temperature, and outside temperature where the hose is placed. Also, please remember that a small temperature difference of 3° to 10° F (-16.11° to -12.22° C) is very significant when the air is blowing directly onto the user's face and into breathing passages.

DIMENSIONS: (Blower only)

Height	Depth	Width	Weight
23.5" (59.7 cm)	15" (38.1 cm)	19.5" (49.5 cm)	76 lbs. (34.5 kg)

Continued on Page 2

SYSTEMS:



Full Mask Cold Air Systems

Our Full Mask Cold Air Systems provide a portable cold air source for one or two respirator users. They include one or two NIOSH approved full mask supplied air respirator(s), a cold air blower, and one or two 100 foot (30.48 m) breathing air hose(s). **Includes NIOSH approved respirator(s).**

**9200-01CA / 9200-02CA
9902-EF (Respirator Assy.)**



Single Bib Tyvek Hood Cold Air Systems

Our Single Bib Hood Cold Air Systems provide a portable cold air source for one or two workers. They include one or two NIOSH approved disposable, lightweight Tyvek hood(s), a cold air blower, and one or two 100 foot (30.48 m) breathing air hose(s). **Includes NIOSH approved respirator(s).**

**9221-01CA / 9221-02CA
9910-EF (Respirator Assy.)**



Double Bib Tyvek Hood Cold Air Systems

Our Double Bib Hood Cold Air Systems provide a portable cold air source for one or two workers. They include one or two NIOSH approved disposable, lightweight Tyvek hood(s), a cold air blower, and one or two 100 foot (30.48 m) breathing air hose(s). **Includes NIOSH approved respirator(s).**

**9222-01CA / 9222-02CA
9912-EF (Respirator Assy.)**

AVAILABLE: (Note: All system components listed below are specially designed for the Allegro Cold Air System)

PN	Description
Cold Air Blower Only	
9825-EF	Cold Air Blower w/ EF Coupler
Air Flow Adapter	
9910-11EF	LP Low Flow Adapter w/ Waist Belt & EF Coupler
Hoses	
9100-50EF	50' (15.24 m) Hose
9100-100EF	100' (30.48 m) Hose
Respirators	
9902-EF	Full Mask Respirator w/ LP Adapter
9910-EF	Single Bib Maintenance Free Tyvek Hood w/ LP Adapter
9912-EF	Double Bib Maintenance Free Tyvek Hood w/ LP Adapter
Systems	
9200-01CA	One Worker Full Mask Cold Air System with 100' (30.48 m) Hose
9200-02CA	Two Worker Full Mask Cold Air System with 100' (30.48 m) Hose
9221-01CA	One Worker Single Bib Cold Air System with 100' (30.48 m) Hose
9221-02CA	Two Worker Single Bib Cold Air System with 100' (30.48 m) Hose
9222-01CA	One Worker Double Bib Cold Air System with 100' (30.48 m) Hose
9222-02CA	Two Worker Double Bib Cold Air System with 100' (30.48 m) Hose